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APPLICANT : DAINIPPON INK & CHEM INC;

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TITLE : PRODUCTION OF ORGANIC PIGMENT

ABSTRACT : PROBLEM TO BE SOLVED: To produce an org. pigment having a clarity higher than and a hue angle different from conventional org. pigments economically without polluting the environment by dissolving a crude org. pigment in an aprotic org. solvent, quickly mixing the soln. with at least one compd. selected from among water, lower alcohols, and acids to precipitate crystals, and separating the crystals.

SOLUTION: 100 pts.wt. crude org. pigment selected from among phthalocyanine-, perylene-, isoindolinone-, isoindoline-, threne-, and triphenylmethane-based org. pigments is dissolved in 500-2,000 pts.wt. aprotic org. solvent in the presence of water and/or a lower alcohol (in an amt. of 1-40 wt.% of the aprotic solvent) and 10-1,000 pts.wt. base at 0-100°C. 100 pts.wt. resultant soln. is mixed with at least either water and/or a 1-4C alcohol (60-400 pts.wt.) or an acid (0.70-1.10 equivalents based on the base) at 0-100°C for a required time, not longer than 4 min, to precipitate crystals. The crystals are then separated to give the objective org. pigment.

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